

**Quality of Service (QoS) Scheduling for Packet Switched, In Particular  
GPRS/EGPRS, Data Services**

**Abstract of the Disclosure**

5                   A method and devices are disclosed for improving in a multi-layer packet  
switching network or system quality of service (QoS) scheduling having a rate-  
conserving scheduling functionality based on two scheduling layers operating on two  
granularities in protocol data units of at least one incoming data flow. The method  
maintains QoS requirements and determines a service order for the protocol data  
10 units by an upper scheduling layer, implementing packet switching based on  
constraints provided by the lower scheduler layer, selecting service ordered protocol  
data units on demand by the lower scheduling layer in dependence on these  
constraints for efficiently allocating timeslots for the data flows, and serving the  
selected protocol data units by the lower scheduling layer.